



Cleanroom Mini-Vac Systems ULPA Filtered Efficiency 99.999% @ 0.12 Micron
Light Weight and Easy to Carry



Our smallest Clean Room Vacuum Cleaner. Just 18" (46cm) Long !

Model MV-1 CR (HH) Hand Held, Part No. 110735
Available with shoulder strap Part No. 211607

Weight: 11 lbs. (5 kgs.)
Dimensions: diam. 7.5" x 18" (19 cm x 46 cm)
Recovery capacity (paper filter bag): 0.5 gal (1.9 L)
Detachable power cord length: 35' (10.6 m)



Model MV-1 CR (BP) Back Pack
Part No. 110737

Designed for better
mobility and flexibility

- ✓ **Static free (ESD safe).** The Minis are designed to be grounded during use. The electrical resistivity is less than 10 ohms. Any static produced while vacuuming is quickly and effectively discharged to the ground.
- ✓ **Designed for a variety of cleanroom environments and mini environments, including:**
 - Semiconductor / Microelectronic
 - Pharmaceutical
 - Medical / Bio-hazard

WEB SITE: [HTTP://WWW.TIGER-VAC.EU](http://www.tiger-vac.eu)

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Cleanroom Mini-Vac Systems
ULPA Filtered Efficiency 99.999% @ 0.12 micron
Two Configurations Available: Back Pack (BP) or Golf Cart (GC)



Model MV-1 CR (BP)
Back Pack Part No. 110737



Model MV-1 CR (GC)
Golf Cart Part No. 110739

MV-1 (BP): Weight: 14.3 lbs. (6.5 Kg) Vacuum Cleaner Only
Dimensions: Ø 7.5" x 23.5" (19 cm x 60 cm)
Recovery Capacity: paper filter bag 1.5gal. (5.7 L)
Detachable power cord length: 35' (10.6 m)

MV-1 (GC): Weight: 15 lbs. (7 Kg) Vacuum Cleaner Only
Dimensions: Ø7.5" x 23.5" (Ø19 cm x 60 cm)
with handle: H36" (H91 cm)
Recovery Capacity: paper filter bag 1.5gal. (5.7 L)
Detachable power cord length: 35' (10.6 m)

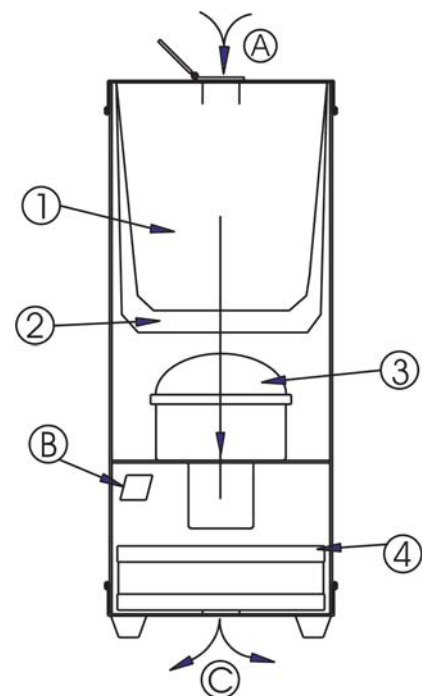
Filtration System for MV-1 CR (BP), MV-1 CR (GC) and MV-1 CR (HH)

4 STAGE FILTRATION SYSTEM

1. PAPER FILTER BAG WITH MICRO-LINER (one micron efficiency): collects the bulk of the recovered materials and keeps the other filters free from clogging. Also allows for easy emptying. Part No. 212230 for MV-1(BP) & (GC) Part No. 212075 for MV-1(HH)
2. CLOTH FILTER (one micron efficiency): This washable main filter prolongs the life of the ULPA filter. Part No. 212232 for MV-1(BP) & (GC) Part No. 211623 for MV-1 CR (HH)
3. DOME FILTER: Protects the motor in the event that filters 1 and 2 are used incorrectly. Part No. 211623 for MV-1(BP) & (GC) Part No. 211623 for MV-1 CR (HH)
4. ULPA FILTER[†]: Minimum efficiency of 99.999% on particles as small as 0.12 micron. Purifies exhaust air and ensures cleanroom compatibility. Part No. 212073

- A. Suction intake with closing valve to prevent spillage
B. EMI/RFI electronic filter suppressor
C. Clean air exhaust

** A special filter lined with stainless steel is available for the recovery of broken wafers and sharp objects. Replaces filters 1 and 2. Part No. 213254 for MV-1(BP) & (GC) Part No. 212079 for MV-1 CR (HH)





**Containment Vacuum Cleaner System Bio-Hazard
With Dual Filtration: HEPA & ULPA Efficiency
Disposable HEPA Filter Collects the Bulk of Toxic Dust
Two Configurations Available: Back Pack (BP) or Golf Cart (GC)**



Model: MV-1 CR (CVGC)
Golf Cart
Part No. 110748



Model: MV-1 CR (CVBP)
Back Pack
Part No. 110744



Containment HEPA Filter:

The HEPA filter[†] cartridge is sealed directly to the lid of the vacuum to ensure absolute leak-free operation. The contaminants trapped in the Containment HEPA filter[†] remain contained during disposal.

Part No. 213260

CVBP:

Weight: 14.3 lbs. (6.5 Kg) Vacuum Cleaner only
Dimensions: Ø 7.5" x H23.5" (Ø19 cm x H60 cm)

CVGC:

Weight: 15 lbs. (7 Kg) Vacuum Cleaner only
Dimensions: Ø 7.5" x H23.5" (Ø19 cm x H60 cm)
with handle: H36" (H91 cm)

Recovery Capacity: 40 oz. (1.2 L)

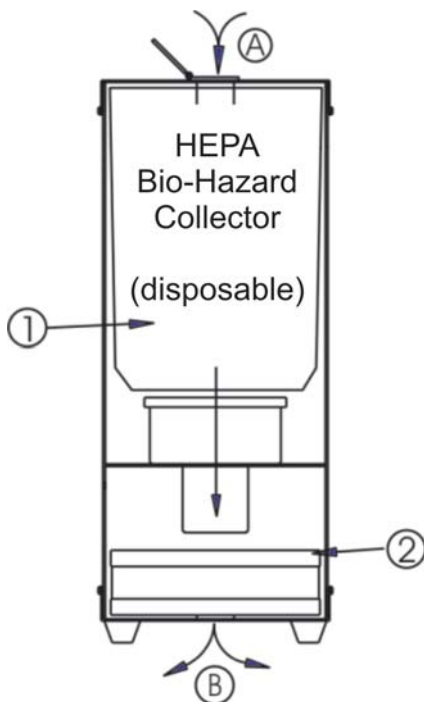
Detachable power cord length: 35' (10.6 m)

Filtration System for MV-1 CR (CV)

Effectively Collects Hazardous Molds and Viral Particulate, Including: Anthrax Dust, Stachybotrys Colonies, Aspergillus Spores, Penicillium Spores & Allows for Safe and Efficient Disposal of Recovered Materials

FILTRATION & COLLECTION SYSTEM

1. Containment HEPA filter[†] (disposable):
Efficiency of 99.99% @ 0.3 micron.
Size: 11" x 6.25" (28cm x 16cm)
Recovery capacity: 40 oz (1.2 liters) Part no. 213260
 2. Exhaust ULPA filter[‡] : Minimum efficiency of 99.999% on particles as small as 0.12 micron. Purifies exhaust air and ensures cleanroom compatibility. Part no. 212073
- A. Suction intake with closing sealed valve to prevent spillage
B. Clean air exhaust, filtered through the ULPA filter[‡].



All recovered material enters the vacuum system through the Containment HEPA filter[†] which immediately captures and contains hazardous molds and viral particulate down to 0.3 micron in size, with a 99.99% efficiency.

In effect, the Containment HEPA filter[†] prevents the vacuum cleaner from becoming contaminated. When full, the Containment HEPA filter[†] is removed and disposed without compromising the integrity of the vacuum system. The Containment HEPA filter's exclusive loading feature (bottom to top) maximizes holding capacity and maintains airflow.

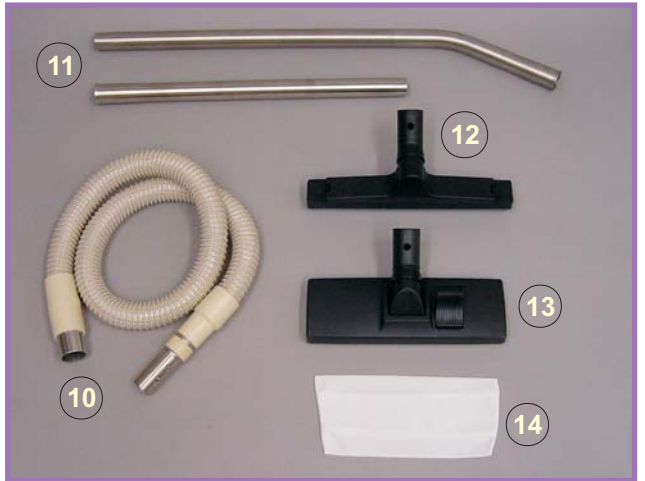
STANDARD TOOLS & ACCESSORIES (INCLUDED)

1	212070	Static dissipating suction hose Ø1.25" x 5' (Ø32mm x 1.5m)
2.	323316	Micro tool kit SD*
3.	323312A	Round brush SD*
4.	323321A	Round tool SD*
5.	323314A	Flat tool SD*
6.	323313A	Crevice tool SD*
7.	211065	Ground continuity tester
8.	212230	Paper filter bags (5/pkg) for MV-1 CR (BP) & (GC)
8a.	212075	Paper filter bags (5/pkg) for MV-1 CR (HH)
9.	212080	Detachable power cord 35' (10.6m)
	212081	Detachable power cord European plug
	212082	Detachable power cord UK plug
	212083	Detachable power cord Swiss plug



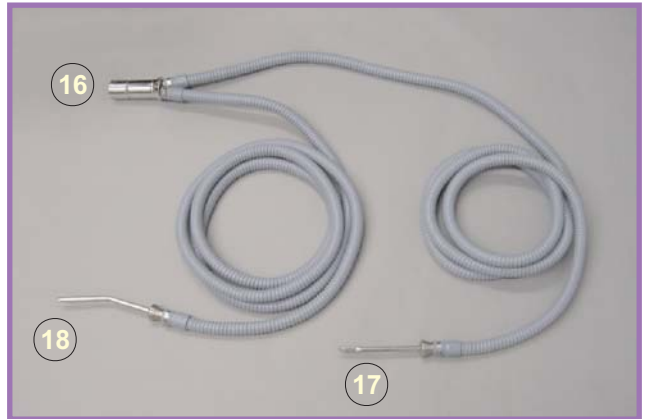
OPTIONAL TOOLS & ACCESSORIES

10.	212072	Static dissipating suction hose Ø1.25" x 10' (Ø32mm x 3m)
11.	323331	Wands (2), stainless steel SD*
12.	323317A	Utility floor and wall tool SD*
13.	323311B	Combi floor tool
14.	211066	Micro Pad



Static Dissipating Micro Tools (Stainless Steel Accessories)

15.	200001C	Single Operator Attachment Kit (not shown)
16.	200002C	Double Operator Attachment Kit
17.	200003	Straight Tip Micro Crevice Tool
18.	200004	Curved Tip Micro Crevice Tool



For additional tools and accessories please contact one of our Customer service representatives.

*SD: Static Dissipating

†HEPA: High Efficiency Particulate Air

‡ULPA: Ultra Low Penetration Air

All MV-1 CR Models:



Voltage:	120 V	or	240 V
Current Draw:	6.5 amps		4 amps
Airflow:	110 CFM		55 L/second
Vacuum Pressure:	63" H ₂ O		1.8m H ₂ O
Noise Level:	64 dB(A) at 6.5 feet (2 meters)		